

PI 572999 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91364. **pedigree:** Nugaines/3/Triticum macha/9\*Selkirk(NDM9)//6\*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Triticum macha as cytoplasmic donor and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, plant height, lodging, grain yield, spike no., kernels/spike, grain hardness, protein content. E>A for test wt., kernel wt., harvest index. A>E for bioyield. Winter Annual. Genetic Material. Seed.

PI 573000 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91367. **pedigree:** Triticum turgidum/9\*Selkirk(NDM10)//7\*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Triticum turgidum as cytoplasmic donor. Nugaines (CI13968, soft white winter) as the nucleus donor. Phenotypically similar to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. A>E for plant height. Winter Annual. Genetic Material. Seed.

PI 573001 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91366. **pedigree:** Nugaines/3/Triticum turgidum/9\*Selkirk(NDM10)//6\*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Triticum turgidum as cytoplasmic donor and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. A>E for plant height. Winter Annual. Genetic Material. Seed.

PI 573002. *Triticum aestivum* L., nom. cons. POACEAE Wheat

**Donated by:** Shantz, K.C., Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226, United States. Received August 23, 1993.